

United States District Court  
For the Northern District of California

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IN THE UNITED STATES DISTRICT COURT  
FOR THE NORTHERN DISTRICT OF CALIFORNIA

SYSCAN, INC.,

No C 03-2367 VRW

Plaintiff,

SUPPLEMENTAL  
CLAIM CONSTRUCTION ORDER

v

PORTABLE PERIPHERAL CO, LTD,  
et al.,

Defendants.

/

The court hereby supplements the claim construction order of March 27, 2006, Doc #57 (the "original claim construction order"). This order (1) clarifies the basis of the court's construction of "interface module" (which appears in claim 1 of the '309 patent) and (2) adjudicates plaintiff's motion for reconsideration, Doc #58, which seeks construction of one claim phrase and one claim term that were not addressed in the original claim construction order because the parties had previously agreed upon the meaning of the relevant claim language. See Doc #61 (clarifying that plaintiff's motion for reconsideration is a

1 vehicle for further claim construction). The hearing noticed for  
2 June 29, 2006 is VACATED.

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4 I

5 *'309 Patent*

6 1 "interface module"

7 The parties dispute whether the interface module can be  
8 contained within the scanner's main case.

9 The mobile scanner in claim 1 comprises an image sensing  
10 module, a motion mechanism and "an interface module coupling the  
11 image sensing module and the motion mechanism to a computing device  
12 and receiving a power supply and system control signals from the  
13 computing device." '309 patent, col 10, 11 39-57. Plaintiff  
14 contends that nothing in the claims suggests the interface module  
15 must reside outside of the scanner. The court disagrees.

16 The specification clearly distinguishes the disclosed  
17 scanner from the prior art on the basis of the disclosed scanner's  
18 minimalist approach. "The disclosed invention, for the first time,  
19 provides a mobile scanner that has only the minimum components to  
20 operate." '309 patent, col 2, 1 27 (emphasis added). "Further,  
21 unlike many scanners in the market, there is not a single  
22 microcontroller in the disclosed scanner \* \* \*." Id, 11 29-31.  
23 The "Summary of the Invention" section goes on to state that one  
24 feature of the "present invention" is "the scanner itself comprises  
25 only an image sensing module and a motion mechanism," which are  
26 "coupled to an interface engine that is typically received in a  
27 computing device." Id, 11 36-38, 44-45 (emphasis added).

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1                 The specification later states that "fundamentally  
2 different from the scanners in the market, there is no  
3 microcontroller and other electronic components in main module to  
4 control the operation of the image sensor and the illumination  
5 source." Id, col 6, ll 63-67 (emphasis added). Because this  
6 statement appears in the "Detailed Description of the Preferred  
7 Embodiments" section, it is unclear whether it refers to all  
8 embodiments or a particular embodiment. The specification does not  
9 describe any embodiment where electronic components that control  
10 the scanner are within the main case. Although this consideration  
11 is not dispositive, see Phillips v AWH Corp, 415 F3d 1303, 1323  
12 (Fed Cir 2005) (warning against confining claims to particular  
13 embodiments in the specification), it nonetheless tends to confirm  
14 that by distinguishing prior art scanners in which the main case  
15 housed more than the minimum components needed to operate, the  
16 patentee did not contemplate embodiments of the '309 patent in  
17 which the main case enclosed the interface module.

18                 The court concludes that the patentee limited the scope  
19 of the invention to scanners where the "scanner itself" contains  
20 "only" the minimum components needed to operate, viz, a motion  
21 mechanism and an image sensing module. By "scanner itself," the  
22 patentee meant the main module, depictions of which appear in the  
23 diagrams of the invention. The court finds that the patentee did  
24 not intend the invention to encompass scanners where the main case  
25 housed components in addition to the image sensing module and the  
26 motion mechanism.

27                 Aside from the location of the interface module,  
28 plaintiff proposes that the term be construed to account for the

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fact that the interface module "comprises a control circuit that receives system control signals from the computing device and generates logical control signals for the image sensing module and the motion mechanism to operate in synchronization." Accounting for these features in the construction of the term "interface module" would render limitations contained in claim 7 superfluous. Plaintiff further proposes that the construction of this term accounts for the fact that the interface module "draws a power supply from the computing device to energize the image sensing module and the motion mechanism to operate." Claim 1 already includes this limitation, suggesting the patentee did not contemplate that this feature was inherent in the term "interface module." See Phillips, 415 F3d at 1325 ("The inclusion of such a specific limitation on the term 'baffles' in claim 2 makes it likely that the patentee did not contemplate that the term 'baffles' already contained that limitation.").

The court construes "interface module" as "interface engine located outside of the main case that houses the image sensing module and motion mechanism."

2        "an interface module coupling \* \* \* to a computing device and receiving \* \* \* from the computing device"

The mobile scanner in claim 1 comprises an image sensing module, a motion mechanism and "an interface module coupling \* \* \* to a computing device and receiving \* \* \* from the computing device." '309 patent, col 10, ll 39-57. The parties initially agreed that the quoted phrase means "an interface engine received in an external computing device coupling \* \* \* to a computing

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1 device and receiving \* \* \* from the computing device." Doc #36, Ex  
2 at 2 (emphasis added). But plaintiff now rejects that  
3 construction and contends that the phrase means "an interface  
4 engine connecting to a computing device coupling \* \* \* and  
5 receiving \* \* \* from the computing device." Doc #58-2 at 2  
(emphasis original).

7 Plaintiff argues that the previously agreed upon  
8 construction inappropriately limits the claim because the patent  
9 does not require that the interface module be received in an  
10 external computing device. The court agrees. The patent evidences  
11 that the patentee contemplated embodiments where the interface  
12 engine would not be implemented in a card that is received within  
13 an external computing device. See '309 patent, col 2, ll 43-45  
14 ("Both of the image sensing module and the motion mechanism are  
15 coupled to an interface engine that is typically received in a  
16 computing device." (emphasis added)). This is consistent with the  
17 patentee's use of the distinct (albeit related) term "interface  
18 card," which was construed in the original claim construction  
19 order. Accordingly, the court agrees that the previously agreed  
20 upon construction unduly limits claim 1. Plaintiff will not be  
21 bound by that construction. But aside from the term "interface  
22 module," which has already been construed, the court sees no reason  
23 to construe the remainder of the phrase.

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## II

## '506 Patent

1       "main case"

4                  The parties dispute whether the scanner's main case  
5 necessarily contains the interface engine.

6                  The mobile scanner disclosed by independent claim 13  
7 comprises "a main case including an image sensing module and a  
8 motion mechanism," "an interface engine coupled to the image  
9 sensing module and the motion mechanism" and "a universal serial  
10 bus." '506 patent, col 11, l 39 through col 12, l 11.

11                 The parties originally agreed that "main case" means "a  
12 compact case that houses the image sensing module and the motion  
13 mechanism." Doc #36, Ex 1 at 16. Plaintiff now rejects that  
14 construction and contends that "main case" means "a compact case  
15 that houses the image sensing module, the motion mechanism and the  
16 interface engine." Doc #58-2 at 2 (emphasis original). Plaintiff  
17 argues that the previously agreed upon construction is inconsistent  
18 with dependent claim 14, which claims "the mobile scanner of claim  
19 13, wherein the interface engine is enclosed in the main case and  
20 communicate[s] with the computing device through the universal  
21 serial bus." '506 patent, col 12, ll 12-14.

22                 It is true that "the usage of a term in one claim can  
23 often illuminate the meaning of the same term in other claims."  
24 Phillips, 415 F3d at 1314; see also Fonar Corp v Johnson & Johnson,  
25 821 F2d 627, 631 (Fed Cir 1987) ("[C]onstruction of disputed claims  
26 requires reference to the specification, the prosecution history,  
27 and the other claims."). But in this context, plaintiff's argument  
28 proves too much. The fact that claim 14 specifies that the main

1 case houses the interface engine actually militates against  
2 implying such a spatial limitation into claim 13, for it suggests  
3 that the patentee contemplated that the interface engine would not  
4 necessarily be enclosed within the main case. See Phillips, 415  
5 F3d at 1325 ("The inclusion of such a specific limitation on the  
6 term 'baffles' in claim 2 makes it likely that the patentee did not  
7 contemplate that the term 'baffles' already contained that  
8 limitation.").

9 This is confirmed by dependent claim 15, which specifies  
10 that interface engine is housed in "a separate case integrated with  
11 the universal serial bus." '506 patent, col 12, ll 12-17 (emphasis  
12 added). The additional and mutually exclusive limitations of  
13 claims 14 and 15 show that the location of the interface engine was  
14 not a limitation inherent to the "main case" language of claim 13.  
15 Hence, "main case" should not be construed so as to specify the  
16 interface engine location.

17 Plaintiff lastly contends that its construction is  
18 appropriate because this court found in the previous claim  
19 construction order that the "interface engine is enclosed in the  
20 main case." Id at 2-3. But the court merely observed that the  
21 claim language of the '506 patent "makes clear that the interface  
22 engine is contained within the main case in some embodiments." Doc  
23 #57 at 17 (emphasis added). This observation is entirely  
24 consistent with the conclusion that the interface engine may be  
25 housed outside the main case, a possibility that should not be  
26 foreclosed in the manner plaintiff proposes.

27 In sum, the court declines to construe "main case" so as  
28 to import a limitation concerning the location of the interface

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1 engine into claim 13. Because (1) the location of the interface  
2 engine vis-a-vis the main case was the sole subject of dispute and  
3 (2) the parties agree that the main case is a compact case that  
4 houses the image sensing module and the motion mechanism, the court  
5 adopts the parties' previously agreed upon construction, which is  
6 amply supported by the claims and the specification. See '506  
7 patent, col 2, ll 13-14 (proclaiming that the disclosed scanner  
8 fulfills the need for a "compact, energy-efficient and lightweight"  
9 scanner); col 2, ll 57-61 ("The main case houses the image sensing  
10 module and the motion mechanism \* \* \*."); col 5, ll 41-42 (same);  
11 col 11, ll 31-40 (same).

12 The court construes "main case" as "a compact case that  
13 houses the image sensing module and the motion mechanism."

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15 III

16 In sum, the court has clarified the basis for the  
17 construction of "interface module" and construed (or declined to  
18 construe) claim language that was the subject of plaintiff's motion  
19 for reconsideration. Within two weeks of the filing of this  
20 supplemental claim construction order, the parties shall submit a  
21 proposed schedule for further proceedings.

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24 SO ORDERED.

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27 VAUGHN R WALKER  
28 United States District Chief Judge